

# Automatic fsck at boot

When encountering issues while booting, that can be solved by checking the file system for errors, it can be helpful to automatically check the file system.

If you're encountering boot issues regularly please check your boot drive! It could be a first sign of a soon failing drive! This quick guide is actually for virtualized machines whose can have file system that are being stopped due to backups.

Therefore add the following expressions to the line in `/etc/default/grub` that starts with `GRUB_CMDLINE_LINUX_DEFAULT`: Firstly open the file:

```
sudo nano /etc/default/grub
```

Then add the following settings to `GRUB_CMDLINE_LINUX_DEFAULT`:

```
fsck.mode=force
```

```
fsck.repair=yes
```

So that it looks like this:

```
GRUB_CMDLINE_LINUX_DEFAULT="quiet fsck.mode=force fsck.repair=yes"
```

Finally update grub with:

```
sudo update-grub
```

Verify your changes with:

```
cat /boot/grub/grub.cfg
```

Sourced from [askubuntu.com](http://askubuntu.com) - *Automatically force fsck*

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